Contents 7	Reference to last Measurement 8
98.00	
5.65	
2.5388 sam.	
2.65 sam	
0.56 sam	
2.540.67 sam	
2.2.96.00 sam.	
bitumen (VG10)	
per 10 sam, Measuring as masonry etc	
2.2.96.00	
2.2.96.00 sam	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 79841

Serial No. 1st and final Bill

Name of work..... From..... To.....

Name of Contractor of nature of Agency... Sri A.Sankara Kumar.R Mate 9/

Date of commencement of work... D.o.R.

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work: Improvements to drains and Asphalting layer near ward office in ward No.09 Vijayawada					To Road at Sapthagiri	
	Est cost Rs: 20.00 lakhs.						
	Job code No: 009-20-000011						
	Head of A/c: R/771						
	Work order No. BEMP) EE/(STP)/WO/ 174/ 2019-20					Dt: 12/12/2019	
Item 1)	Earthwork excavation by manual means in ordinary soil involving an average Horizontal throw up to 2mtr and an average lift up to 0.5mtr excavated/ surface levelled and sides neatly trimmed. the disposed earth to be levelled neatly after breadthing of drains etc.						
	Quantity vide this MB. P.No					= 307.50 cum	
	Rate	@ Rs	200/ cum			= 61500.00/-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 2)	Removing and Refixing stone slabs of Drainage					Quantity in cum (925)	
	Quantity vide this MB P.No:					295.20 Sqm	
					Rate at R.S: 111.00/	Sqm =	32767.00/
Item 3)	providing precast slab of 100mm thick including labour, curing, transporting, loading unloading etc —						
	IE CHS layout 1st cross	22	0.90	0.60		11.88	
	CIS From H 136 to 140	39	0.90	0.60		21.06	
	H 141-142	9	0.90	0.60		4.86	
	HP main Road SIS from Entrance	16	0.90	0.60		8.64	
	Dwaraka Enquiry Opp main Road CIS Opp Pwd vacant site	19	0.90	0.60		10.26	
	Dwaraka Enquiry Opp main Road						

CAR PARKING

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work

Date	Full description, etc, of w
1	2
	NIS opp H 37 &
Item 4)	scarifying bitum carpet surfac
	Quantity vide

Contents 7	Reference to last Measurement 8
Forwarded to CM (925)	
9.18.20 Sqm	
Sqm	32767.88
Abstract of all materials	
9.00	
11.85	
21.06	
4.56	
3.64	
10.26	

CAPE
Penno

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 79842

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	WIS opp ## 37 & 38	2	0.90	0.60		1.08	
		1	0.90	0.60		0.54	
		Total quantity			=	58.32 Sqm.	
		Rate at Rs. 1700/Sqm				=	99144.00/-
	(Item 4) scarifying bituminous course 50mm to 75mm thick along with Premix Carpet/ Surface dressing by manual/mech. means etc. complete in all respects as per direction of Engr. in charge.				= 803.60 Sqm		
	Quantity vide this MB P. No:						
	Rate at Rs. 70/Sqm					=	56252.00/-

CAPE
Penno

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 5)	Wet mix macadam providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt to wet mix macadam specification						
	Quantity vide this M.B. P.No:				= 2009.00 cum		
					Rate at Rs: 1500/cum = 3013500.00/-		
Item 6)	Providing and applying primer coat using bitumen emulsion on prepared surface of granular base such as WBM including cleaning of road use						
	Quantity vide this M.B. P.No:				= 8036.00 sqm		
					Rate at Rs: 30.00/sqm = 241080.00/-		
Item 7)	Providing and laying bituminous macadam on prepared surface using crushed coarse aggregates. as per design mix formula use						
	Quantity vide this M.B. P.No:				= 40.15 cum		
					Rate at Rs: 5551.00/cum = 222903.65/-		

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work.....

Date	Full description, etc, of work
1	2
Item 8)	Cleaning the exis... brushes and fina...
	Quantity vide thi...
Item 9)	Providing and app...
	Quantity vide ...

M.A.R. 57 (Rule 116)

79843

Measurement Book No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(Item 8) Cleaning the existing black topped surface with brooms. Soft brushes and finally dusting with old gunny bags etc complete as per direction of Engineer-in-charge. Quantity vide this M.B. P.No 7				2296.00 Sqm		
	Rate at Rs 5/ Sqm = 11480.00/-						
	(Item 9) Providing and applying tack coat using 80/100 grade bitumen etc complete as per direction of Engineer-in-charge. Quantity vide this MB P.No:				2296 Sqm		
	Rate at Rs: 14/Sqm = 32144.00/-						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 10	Providing and laying bituminous concrete 40mm thick with hot mix Plant, using crushed aggregates of specifications etc -						
	Samanna Garden main Road to farm entrance to SHOP	1	15.00	$\frac{6.7+6.6}{2}$	0.04	4.05	
		1	15.00	$\frac{6.6+6.05}{2}$	0.04	3.80	
		1	15.00	$\frac{6.05+5.7}{2}$	0.04	3.53	
		1	15.00	$\frac{5.7+5.3}{2}$	0.04	3.84	
		1	15.00	$\frac{5.3+5.2}{2}$	0.04	3.15	
		1	15.00	$\frac{5.2+6.9}{2}$	0.04	3.63	
		1	15.00	$\frac{6.9+5.5}{2}$	0.04	3.81	
		1	15.00	$\frac{5.5+6.3}{2}$	0.04	3.65	

Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, of
1	2

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10

79844

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{6.35+5.5}{2}$	0.04	3.56	
		1	15.00	$\frac{5.515.7}{2}$	0.04	3.36	
		1	15.00	$\frac{5.7+6.65}{2}$	0.04	3.71	
		1	15.00	$\frac{6.65+5.8}{2}$	0.04	3.74	
		1	15.00	$\frac{5.8+5.6}{2}$	0.04	3.42	
		1	15.00	$\frac{5.8+6.4}{2}$	0.04	3.60	
		1	15.00	$\frac{6.4+6.1}{2}$	0.04	3.75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	6.1+6.0 / 2	0.04	3.63	
		1	15.00	6.0+6.6 / 2	0.04	3.78	
		1	15.00	6.6+6.6 / 2	0.04	3.96	
		1	15.00	6.6+6.8 / 2	0.04	4.02	
		1	15.00	6.8+6.3 / 2	0.04	3.93	
		1	15.00	6.3+6.5 / 2	0.04	3.84	
		1	15.00	6.5+6.0 / 2	0.04	3.75	
		1	15.00	6.0+5.9 / 2	0.04	3.57	
		1	15.00	5.9+4.9 / 2	0.04	3.24	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Deduction for manhole s
	limited to 1

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 79845

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{4.9+5.5}{2}$	0.04	3.12	
		1	15.00	$\frac{5.5+4.6}{2}$	0.04	3.03	
		1	15.00	$\frac{4.6+5.8}{2}$	0.04	3.12	
		1	15.00	$\frac{5.8+6.4}{2}$	0.04	0.22	
	Deduction for manholes	6	3.142	0.14	0.04	(-)0.01	
		1	0.75	0.75	0.04	(-)0.02	
						97.90 cum	
	limited to tender quantity					= 91.8 cum	
			Rate @ Rs 8500/			cum =	780600.00

cafe

Executive Engineer
PWD Sub Division
Bangalore-97

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Item iii)	Road marking with Hot Applied thermoplastic compound with Reflecting Glass Beads on Bituminous Surface 2.5mm thick etc.						
	Somanna Gardenmain from Entrance to SWD	2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	

Serial No.............................

Name of work.............................

Name of Contractor of nature of

Date of commencement of work

Date 1	Full description, etc, of w 2

Contents 7	Reference to last Measurement 8
Approval with Referring etc -	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	
3.00	

M.A.R. 57 (Rule 116)

Measurement Book

79346

No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	15.00	0.10		3.00	
		2	2.00	0.10		0.40	
	To tal Quantity				=	84.40	Sqm.

CR Memo

Executive Engineer
BEMP, Bangalore-9

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	limited to tender quantity				=	52.00 Sqm	
	Rate at Rs : 4544/ Sqm					=	37228.00/-
	Sub total Amount					Rs=	16,59,652.00/-
	GST @ 12%					Rs=	1,99,158.00/-
	Grand Total Amt					Rs=	18,58,810.00/-
	certificate:						
	1) certified that the work done satisfactorily						
	2) certified that the debris are already removed from work spot.						

10/03/21

10/03/21

10/3/21

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

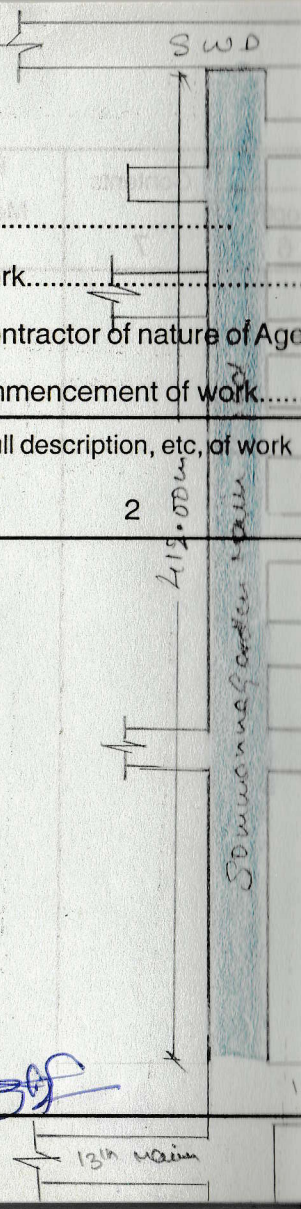
Serial No.....

Name of work.....

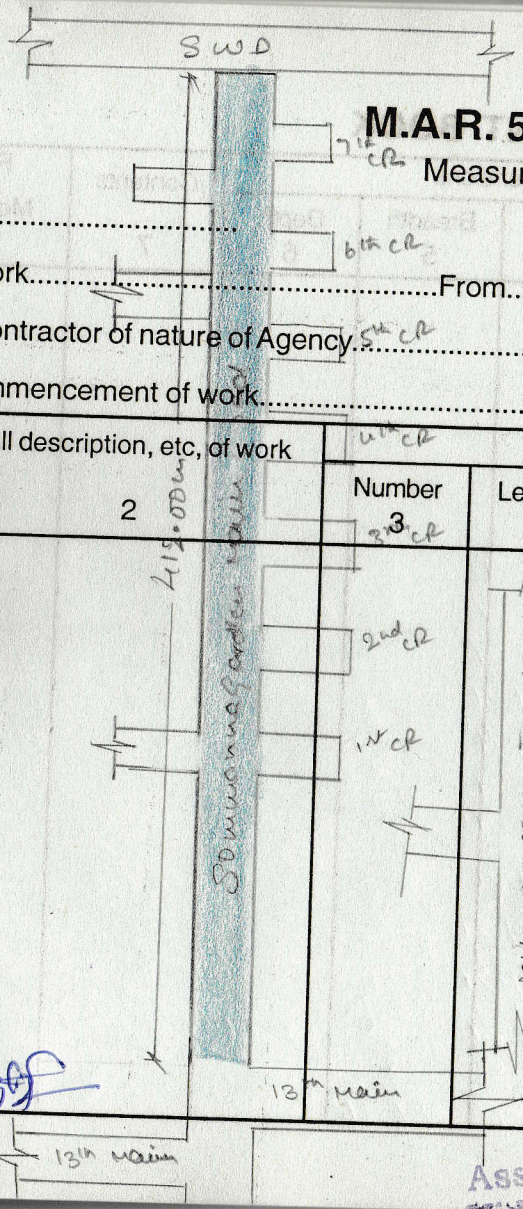
Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2



Contents	Reference to last Measurement
7	8
S.D. Storm	37228.00
R.S=	16,59,652.00
R.S=	1,99,158.00
S=	18,58,810.00
	10/03/21
1.1km WORKS SPOTS,	
	10/03/21



M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 79847

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

13th main

Assistant Engineer Division